

**Abstract of the Disclosure**

Az A transmitting and receiving apparatus including a modulating circuit for modulating an input digital data; a first frequency converting circuit for converting a signal output from the modulating circuit into a signal of a predetermined frequency; an amplifying/branching circuit for amplifying and branching a signal output from the first frequency converting circuit; a second frequency converting circuit for converting a signal output from the amplifying/branching circuit, into a signal of a predetermined frequency; and a demodulating circuit for demodulating digital data from a signal output from the second frequency converting circuit.